

<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; margin-right: 10px; text-align: center;"> OIP SEP 16 2003 </div> <div> INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> </div> </div>				ATTY DOCKET NO. HALB:045		SERIAL NO. 10/656,684		
				Jeff Miller and Jeff Kirsner				
				FILING September 5, 2003		GROUP		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
PT	CT	4,900,456	02/13/1990	Ogilvy	252	8.551	12/01/1988	
	CU	5,045,219	09/03/1991	Traban et al.	252	8.51	11/22/1988	
	CV	5,189,012	02/23/1993	Patel et al.	507	103	06/08/1990	
	CW	5,333,698	08/02/1994	Van Slyke	175	65	05/21/1993	
	CX	5,432,152	07/11/1995	Dawson et al.	507	103	08/16/1994	
	CY	5,498,596	03/12/1996	Ashjian et al.	507	103	09/29/1993	
	CZ	4,802,998	02/07/1989	Mueller et al.	252	8.514	07/08/1987	
	DA	5,106,516	04/21/1992	Mueller et al.	507	138	02/09/1990	
	DB	5,252,554	10/11/1993	Mueller et al.	507	138	01/21/1992	
	DC	5,318,954	06/07/1994	Mueller et al.	507	138	06/29/1993	
PT	DD	5,318,955	06/07/1994	Mueller et al.	507	139	03/24/1993	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
PT	DE	GB 2,212,192 A	07/19/1989	United Kingdom	C09K	7/06		
PT	DF	WO 83/02949	09/01/1983	PCT	C09K	7/06		
PT	DG	WO 94/16030	07/21/1994	PCT	C09K	7/06		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
PT	DH	"BIO-BORE" (TM) Horizontal Directional Drilling Fluid Concentrate, Baroid Industrial Drilling Products data sheet (1995)						
EXAMINER P. TUCKER					DATE CONSIDERED 11/05			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								